CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

INSTALLATION, OPERATION and MAINTENANCE MANUAL
for CRES COR AQUATEMP™ HUMIDITY UNDERCOUNTER OVENS
2000 watts

CO151XWUA5B

SANITATION CLASSIFIED
CLASSIFIED TO NSF4

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

TABLE OF CONTENTS

SUBJECT	PAGE
INSTALLATION INSTRUCTIONS	3
OPERATING INSTRUCTIONS	4
Illustration, Figure 1	4
MAINTENANCE INSTRUCTIONS	
How to Clean the Unit	5
Trouble Shooting Guide	6, 7
Replacement Parts	7, 8
Illustrations; Hot Unit	9
Wiring Diagrams	10
TIMER PROGRAMMING	FL-2222
SERVICE POLICY and AGENCY LIST	FL-1400

WARNING
RISK OF FIRE OR ELECTRIC SHOCK
DO NOT OPEN
WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REPAIR SHOULD BE DONE BY AUTHORIZED SERVICE PERSONNEL ONLY

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

INSTALLATION INSTRUCTIONS:

VENTING YOUR OVEN:

1. The purpose of ventilation hoods is to direct and capture smoke, grease-laden vapors, heat, odors, or fumes.

2. Low temperature equipment (maximum temperature 250°F/121°C) does not produce heat, odors, fumes, grease laden vapors or smoke and is not required to be vented.

3. Most jurisdictions consider our low-temperature ovens (maximum temperature is 350°F/177°C) as low-heat appliances not requiring vent hoods.

4. Installation must conform to local codes. The authority having jurisdiction of enforcement of the codes will have the responsibility for making interpretations of the rules.

ELECTRICAL SPECIFICATIONS:

Model Nos.	Volts	Watts	Amps	Hertz	Ph	NEMA
CO-151-XW-UA-5B-1201	120	2000	16.6	60	1	5-20P

All models are designed for AC Service.
Model numbers may have the letters: **L**, **M**, **T**, *or* **S**.

HOW TO INSTALL CABINETS:

1. Remove all packing material from inside and outside of cabinet.
2. Position cabinet on level floor; install the cabinet interior (pan slides) if not already installed.
3. Plug power cord into proper wall receptacle.
4. Fill water pan with three (3) gallons of HOT water (see CAUTION).

LOW WATER LIGHT:

When water needs to be added to the pan, the *Low Water Light* will stay on until the pan is refilled.

⚠CAUTION

Use of treated water is recommended for proper operation and to maintain warranty. It will reduce scaling.

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

OPERATING INSTRUCTIONS:

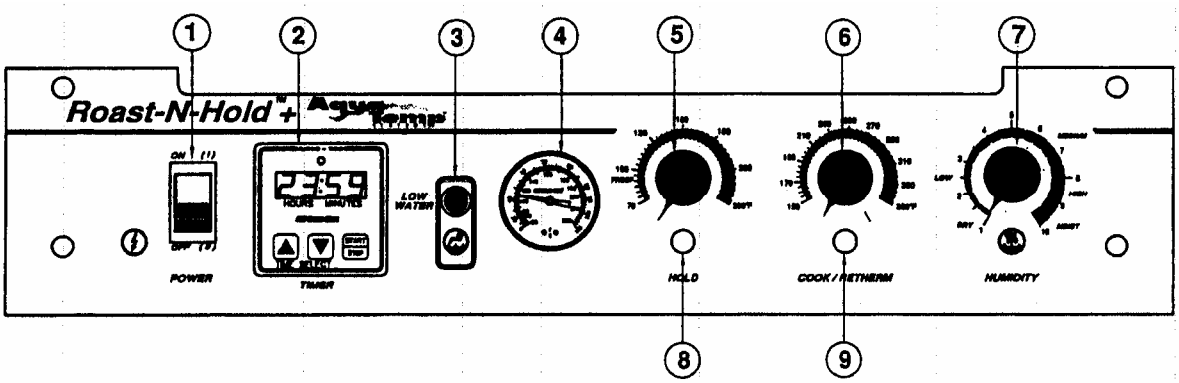

Figure 1: Control Panel

PARTS DESCRIPTION

1. Switch – "On/Off"
2. Timer – Digital
3. "Low Water" Light
4. Thermometer
5. Thermostat – "Hold"
6. Thermostat – "Cook/Retherm"
7. Thermostat – Humidity
8. Yellow Light – "Hold"
9. Green Light – "Cook/Retherm"

HOW TO SET TIMER:

A. Press the ***UP*** arrow-button (on the Timer) to increase the time. The longer the button is held down, the faster the time will increase. Pressing the ***DOWN*** arrow-button (using the same method) will cause the time to decrease.

B. Press ***START/STOP*** button on Timer to begin cooking cycle. GREEN roast light will light up. The timing light on the Timer will flash. Timer will count down to 0.00.

C. Cooking time can be changed while oven is in any mode.
(1) Press ***START/STOP*** button.
(2) Adjust time by using ***UP*** and ***DOWN*** arrow-buttons.
(3) Press ***START/STOP*** button to restart oven.

HOW TO START UNIT:

(for first-time operation only)

A new oven needs to "burn off" factory oils and glue before it's first use. ***Do NOT load food into oven until this has been done!***

1. Push switch to "ON".
2. Set the ***COOK/RETHERM*** thermostat to 350°F/177°C.
3. Set the ***Hold*** thermostat to 150°F/66°C.
4. Set the timer to one (1) hour.
5. Allow oven to run automatically for one (1) hour of ***COOK/RETHERM*** cycle and 30 minutes of ***Hold*** cycle.

WARNING!

Air is VERY HOT when door is opened.

Note: Cold food is **NOT** to be added when unit is operating in ***HOLD*** mode.

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

MAINTENANCE INSTRUCTIONS
HOW TO CLEAN THE UNIT:

MAINTENANCE: WATER PAN

Drain wipe and fill water pan daily. (Clear vinyl drain-hose is provided).

1. Push hose onto drain nozzle under the base.
2. Turn knob to open the drain.

To fully Dry Out:

1. Drain until 1/8" of water is left in pan bottom.
2. Turn humidity Thermostat to "High" until water is gone.
3. Wipe out pan.

⚠CAUTION

Delime or descale water pan parts as required, to prevent damaging build-up. WARRANTY COVERAGE MAY BE AFFECTED WITHOUT PROPER CLEANING.

MAINTENANCE: CABINET

1. Wipe the inside of cabinet after daily use.
2. Leave doors slightly open to fully dry interior.

WARNING!

***BEFORE* cleaning the cabinet:**

1. **Unplug cord from wall. Allow cabinet to cool.**
2. **Do NOT hose cabinet with water.**
3. **Do NOT get water on controls.**
4. **Do NOT use abrasives or harsh chemicals.**

Cleaning Hints:

1. Use the mildest cleaning procedure that will do the job.
2. Always rub in the direction of polish lines to avoid scratching the surface.
3. Use only a soft cloth, sponge, fibrous brushes, plastic or stainless steel pads for cleaning and scouring.
4. Rinse thoroughly with fresh water after every cleaning operation.
5. Always wipe dry to avoid water marks.

	SOIL	CLEANER	METHOD
CABINET Inside and Outside (Stainless Steel)	Routine Cleaning	Soap, ammonia or mild detergent* and water.	1. Sponge on with cloth 2. Rinse
	Stubborn Spots, Stains	Mild abrasive made for Stainless Steel.	1. Apply with damp sponge or cloth. 2. Rub lightly.
	Burnt on Foods or Grease	Chemical oven cleaner made for Stainless Steel.	Follow oven cleaner manufacturer's directions.
	Hard Water Spots & Scale	Vinegar	1. Swab or wipe with cloth. 2. Rinse and dry.
**MILD DETERGENTS INCLUDE SOAPS AND NON-ABRASIVE CLEANERS.*			

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

MAINTENANCE INSTRUCTIONS
TROUBLE-SHOOTING GUIDE

WARNING!

IF UNIT GETS TOO HOT OR WON'T SHUT OFF, DISCONNECT POWER AT BRANCH PANEL. DO *NOT* UNPLUG CORD!

If hot unit is *NOT* working, first check the following causes:

1. Cord is unplugged from wall outlet.
2. Circuit breaker/fuse to wall outlet is blown.
3. Switch is turned off.
4. Thermostat is turned off, or is set too low.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Humidity is low	1. Water in pan may be low 2. Thermostat set too low	1. Add water 2. Turn up thermostat
Cabinet does not heat, or doesn't heat properly	1. Thermostat 2. Heater relay 3. Loose wiring at heater relay 4. Hi-limit switch 5. On/Off switch	1. Replace 2. Replace 3. Replace 4. Replace 5. Replace
Blowers do not operate	1. On/Off Switch 2. Blower 3. Control	1. Replace 2. Replace 3. Replace
Heater will not shut off	1. Thermostat 2. Relay	1. Replace 2. Replace
Vent fan does not shut off	1. Vent fan switch defective 2. Control compartment still hot	1. Replace 2. Wait until it cools Check "*Heaters will not shutoff*"
Vent fan does not operate {See NOTE}	1. Vent fan switch defective 1. Vent fan defective	1. Replace 2. Replace

NOTE: Vent fans will not operate until the control compartment requires ventilation to limit temperatures. Replacement of electrical components must be done by a qualified electrician. Refer to our *Service Agency list, FL-1400* (found in the back of this manual), of authorized service centers. Instructions for replacing parts are included in replacement parts list.

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

MAINTENANCE INSTRUCTIONS
TROUBLE-SHOOTING GUIDE, *continued*

HOW TO ADJUST THE DOOR LATCH:

1. For vertical adjustment:
(up and down movement)
   a. Loosen (2) screws located in magnetic strike.
   b. Move strike up or down for alignment to magnet on latch.
   c. Tighten screws to secure
2. For horizontal adjustment:
(greater or lesser magnetic draw)
   a. Loosen (4) screws in door latch.
   b. Move latch forward or backward to adjust magnetism.
   c. Tighten screws to secure.

HOT UNIT REMOVAL:

1. Disconnect power cord from wall outlet.
2. Remove screws around top cover.
3. Disconnect the yellow cord between top and bottom, in the back of the cabinet (see Figure 2).
4. Lift off Hot Unit.

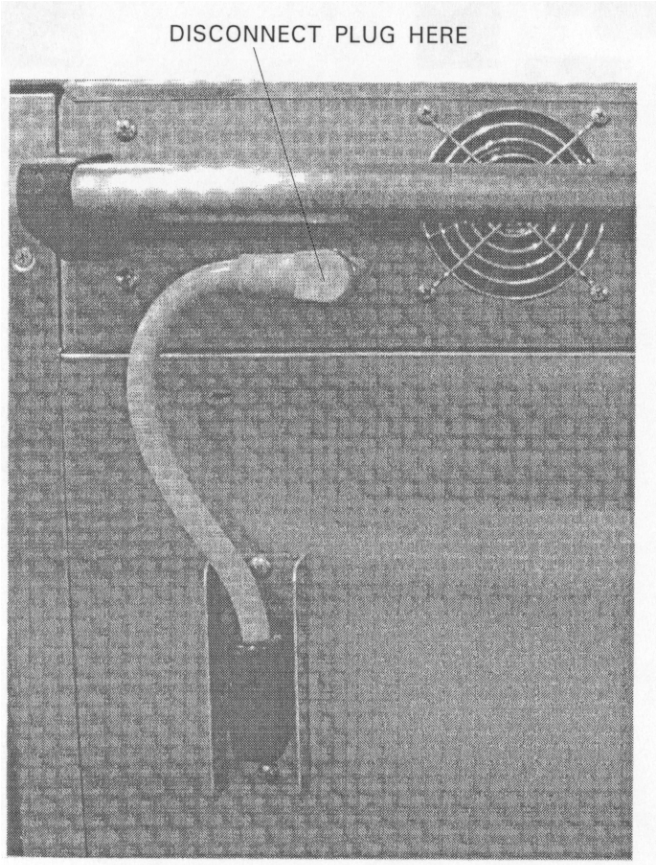

FIGURE 2
Hot Unit Removal

REPLACEMENT PARTS:

Include all information on nameplate when ordering parts.

Cabinet Replacement Parts

DESCRIPTION	PART NO.
Hot Unit, 120V, 1 Ph	HU675049
Door Latch Kit	1006-120-01
Latch Strike Kit	1006-120-02
Door Hinge	0519-074
Door Assembly	1221-545
Door Gasket	0861-250
Angles or Racks	0621-281-SS
Casters	0569-310
Casters w/brake	0569-310B

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

REPLACEMENT PARTS:

Include all information on nameplate when ordering parts.

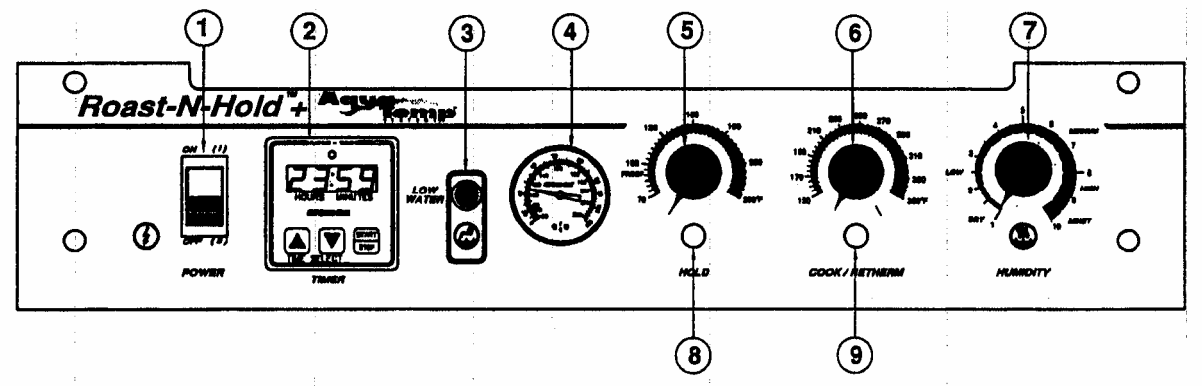

Figure 3: Control Panel

Hot Unit Replacement Parts

ITEM DESCRIPTION	CMP Part No.	ITEM DESCRIPTION	CMP Part No.
1. Switch (On/Off)	0808-113	17. Hi-Limit (Switch)	0848-079
2. Timer, Digital	0849-088	18. Fan Switch	0848-034
3. Light, Low Water	0766-094	19. Relay	0857-130
4. Thermometer and Sensor	5238-031	20. Transformer	0769-159
5, 6, 7. Knob Thermostat	0595-061	21. Relay	0857-100
5, 6. Control Board	0848-069	22. Sensor – Thermostat	0848-058-K1
7. Thermostat	0848-008-1ACK	23. Sensor Bushing	0818-066
8. Lights, Yellow	0766-094	24. Receptacle (6 pin)	0810-154-02
9. Lights, Green	0766-098	25. Power Cord	0810-039-06
12. Vent Fan	0769-165	26. Heater Kit	0811-022
13. Fan Guard	0769-167	27. Strain Relief	0818-057
14. Blower Kit	0769-180-K	NS Float Switch	0857-122
15. Terminal Block, Front	0852-096	NS Water Pan Kit	0756-033
16. Terminal Block, Rear	0852-093	NS Heater	0811-271

NS = Not Shown (located in cabinet bottom)

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

REPLACEMENT PARTS:

Include all information on nameplate when ordering parts.

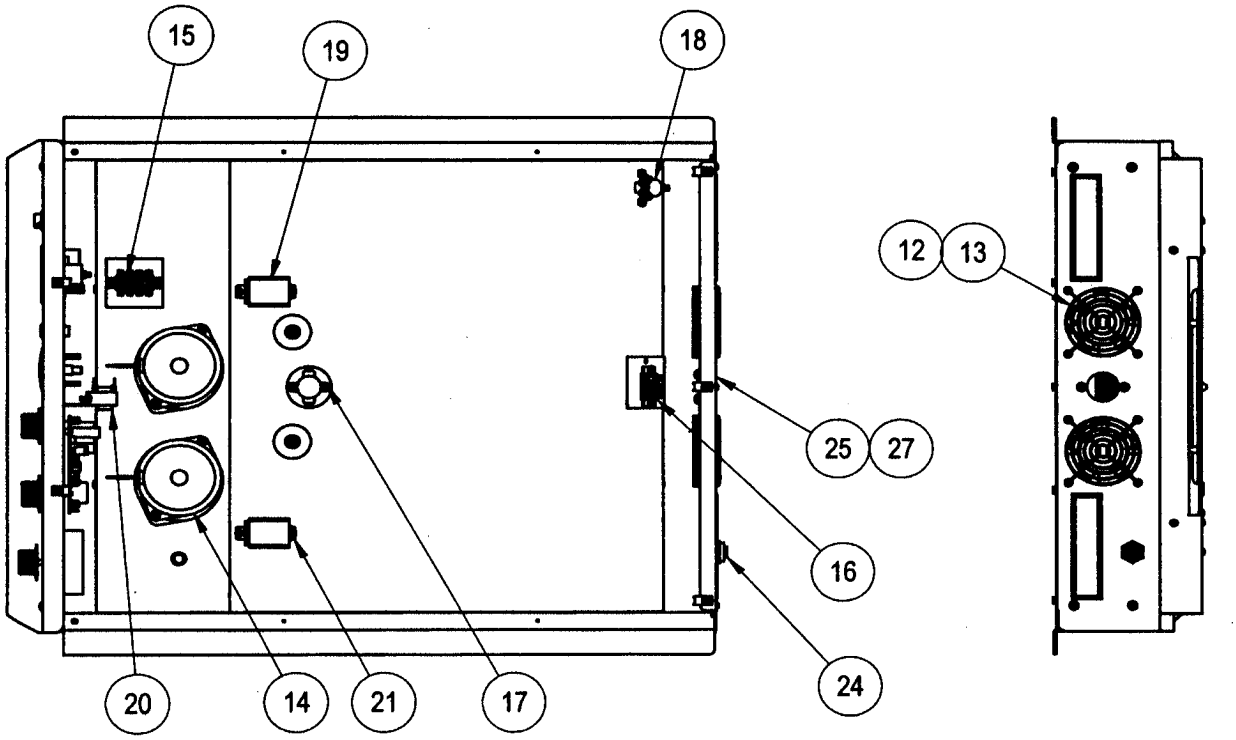

FIGURE 4; Hot Unit w/o Top Cover
(For parts description, refer to page 8.)

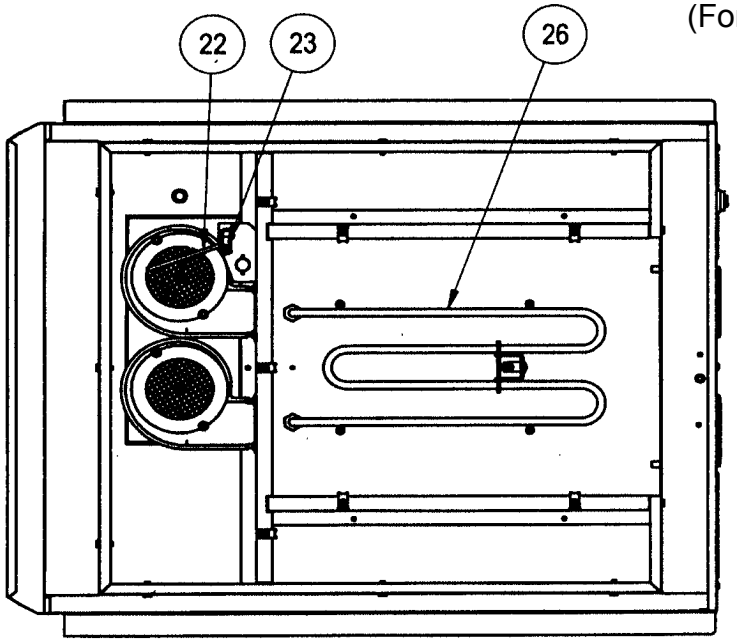

FIGURE 5; Bottom of Hot Unit Cover Removed
(For parts description, refer to page 8.)

CRES COR®
5925 Heisley Road • Mentor, OH 44060-1833
877/CRES COR (273-7267) • 440/350-1100
Fax: 440/350-7267 • www.crescor.com

WIRING DIAGRAM